Session 13 : SCALA Session II

Assignment 1 Questions

**Problem Statement**

Create a Scala application to find the GCD of two numbers.

**Solution:-**

Scala Project - 

Code –

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\* This class provides method to find GCD of two numbers.

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**class** FindGCD {

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\* Method to recusrively find GCD of two numbers passed as parameters

\*/

**def** gcd(a: Int,b: Int): Int = {

**if**(b ==0) a **else** gcd(b, a%b)

}

}

**object** mainObj

{

**def** main(args: Array[String]) {

**var** obj = **new** FindGCD();

//Pass input as parameter

println(obj.gcd(25,50));

}

}

Output screenshot:-

For – 25 and 50



For – 5076 and 7614

